



FACILITY COMPLIANCE AUDIT REPORT

Division of Waste Management

Solid Waste Section

UNIT TYPE:

Lined MSWLF		LCID		YW		Transfer		Compost		SLAS		COUNTY: Alleghany PERMIT NO.: 03-02 (Closed) FILE TYPE: COMPLIANCE
Closed MSWLF	X	HHW		White goods		Incin		T&P		FIRM		
CDFL		Tire T&P / Collection		Tire Monofill		Industrial Landfill		DEMO		SDTF		

Date of Audit: May 10, 2010**Date of Last Audit:** May 8, 2009**FACILITY NAME AND ADDRESS:**

Alleghany County Closed Municipal Solid Waste Landfill
431 Osborne Road
Sparta, NC 28675

GPS COORDINATES: **N:** 36.49366 **E:** -81.14954**FACILITY CONTACT NAME AND PHONE NUMBER:**

Don Adams, County Manager
w. 336-372-4179
f. 336-372-5969
manageralc@skybest.com

FACILITY CONTACT ADDRESS:

Alleghany County Administration
Don Adams, County Manager
PO Box 366
Sparta, NC 28675

AUDIT PARTICIPANTS:

John Patrone, NCDENR – Solid Waste Section (SWS)
Larry Davis, Maintenance Supervisor (c. 336-657-0768)
Lawrence Uhl, Scale House Operator (scale house: 336-372-8053)

STATUS OF PERMIT:

Closed

PURPOSE OF AUDIT:

Post Closure Audit

NOTICE OF VIOLATION(S):

None

You are hereby advised that, pursuant to N.C.G.S. 130A-22, an administrative penalty of up to \$15,000 per day may be assessed for each violation of the Solid Waste Statute or Regulations. For the violation(s) noted here, you may be subject to enforcement actions including penalties, injunction from operation of a solid waste management facility or a solid waste collection service and any such further relief as may be necessary to achieve compliance with the North Carolina Solid Waste Management Act and Rules.

STATUS OF PAST NOTED VIOLATION(S):

None

FACILITY COMPLIANCE AUDIT REPORT
Division of Waste Management
Solid Waste Section

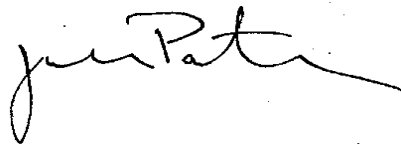
Page 2 of 2

AREAS OF CONCERN AND COMMENTS:

On May 10, 2010, John Patrone met with Larry Davis and Lawrence Uhl to conduct a post closure audit of the Alleghany County Closed Municipal Solid Waste Landfill at Osborne Road in Sparta, Alleghany County.

1. The facility ceased daily operations on April 6, 1994.
2. The landfill cap is covered with native grasses and is mowed for hay once a year.
3. The facility maintains semi-annual groundwater monitoring test records. Records for groundwater and surface water conducted on June 2, 2009 and December 22, 2009 were verified. Exceedance of 2L Groundwater Standards was detected.
4. The facility maintains methane monitoring records. Records for 4th quarter 2008, 1st quarter 2009, 2nd quarter 2009, 3rd quarter 2009, and 4th quarter 2009 were verified. Mr. Adams was reminded (via telephone conversation 05/19/10) to ensure that methane monitoring is conducted in facility structures. Mr. Davis conducts 1st quarter and 3rd quarter methane monitoring and Applied Resource Management conducts 2nd quarter and 4th quarter methane monitoring when on-site for semi-annual groundwater and surface water tests. Mr. Davis did not conduct the 1st quarter 2010 methane monitoring due to inclement weather. The facility is required to conduct quarterly methane monitoring. If a quarterly sample is not conducted the facility may be subject to compliance order. Mr. Adams stated (via telephone conversation 05/19/10) that Applied Resource Management will conduct quarterly methane monitoring throughout the year (2010) and educate facility personnel as to the importance of methane monitoring and how to collect methane samples, in case the facility wants to have its personnel conduct methane monitoring in the future. The facility shall develop a written operating procedure (SOP) for methane monitoring to include calibration of the methane monitoring device.
5. Water monitoring wells were observed. The wells were locked and labeled.
6. There was no indication of runoff or erosion.
7. Ruts along the edge of the landfill cap must be filled-in and graded such that water is not held. Tracks along the top of the landfill cap must also be repaired. Mr. Davis stated that the front end loader is occasionally driven across the cap – used as a shortcut - to obtain diesel fuel. It is suggested that the front end loader not be driven across the landfill cap unless associated with its maintenance.
8. It appears that the diesel fuel tank stand/support structure should be repaired.
9. Edge of waste markers have been installed around most of the landfill. Mr. Davis stated that all of the edge of waste markers will be installed by August 2010.
10. The facility needs to obtain a statement or illustration which documents the location of edge of waste markers. Mr. Davis stated that when the landfill was in operation small vertical pits were dug, filled, and covered with the extracted soil such that the landfill side slope is vertical.
11. The facility is secured by a locked gate.
12. The facility has proper signage.

Please contact me if you have any questions or concerns regarding this audit report.



John Patrone
Environmental Senior Specialist
Regional Representative

Phone: 336-771-5095 Fax: 336-771-4631

Delivered on : <u>May 20, 2010</u> by		Hand delivery	X	US Mail		Certified No. <u> </u>
---------------------------------------	--	---------------	----------	---------	--	-------------------------

cc: Mark Poindexter, Field Operations Branch Supervisor
Jason Watkins, Central Regional Supervisor
Donald Herndon, Compliance Officer
Jackie Drummond, Compliance Hydrogeologist